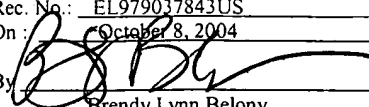




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By: 
Brendy Lynn Belony

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor :Kensuke SAWADA
Serial No. :10,757,083
Filed :January 14, 2004
Title :DIGITAL BASEBAND MODULATION.....

October 8, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of the non US documents (if any) listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

Also attached is a copy of the European Search Report dated August 26, 2004 from the corresponding European Patent Application. All of the documents listed in Form PTO- 1449 appear in the European Search Report.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is

intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

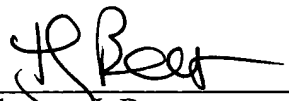
Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,



Thomas J. Bean
Reg. No. 44,528

Customer Number: 026304
Docket No: FUJI 20.849



Please type plus sign (+) → +

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO

U.S. Department of Commerce
Patent and Trademark Office

Application No. : 10/757,083

Filing Date :

First Named Inventor: K. SAWADA

Group Art Unit :

Examiner Name :

Attorney Docket No. : FUJI 20.849

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | U.S. Patent Document | Kind Code if known ² | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|----------------------|---------------------------------|-------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------|
| | | 6 009 090 | | OISHI et al. | 12-28-1999 | |
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FOREIGN DOCUMENTS

| Examiner Initials | Cite No. ¹ | Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known) | Country | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YY/Y | Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear |
|-------------------|-----------------------|---------------------------------------------------------------------------------------------------|---------|-------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------|
| | | 1 158 689 | EP | SHARP KABUSHIKI KAISHA | 11-28-2001 | |
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Other Prior Art-Non Patent Literature Documents

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|--------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| | | European Search Report dated August 24, 2004 | |
| | | HARRI LILJA et al. WCDMA Power Amplifier Requirements and Efficiency Optimization Criteria. Nokia Mobile Phones. IEEE 1999 pgs 1843-1846 | |
| | | SUDHIR RAMAKRISHNA et al. A Comparison between Single Code and Multiple Code Transmission Schemes in a CDMA System. Wireless Information & Networking Laboratory IEEE 1998 pgs 791-795 | |
| Examiner Signature | | Date Considered | |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1* if possible. * Applicant is to place a check mark here if English language Translation is attached.

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